

Manhole Inspection Summary

Manhole # S4100_002MH

Printed On: 12/18/2008

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **4100** Node: **002** Status: **Found**

Insp Date: **2/21/07 1:57 PM**

Incomplete Comments

Crew: **JS, AB**
Inspector: **Smutek, J**
Firm: **REI**

Location Address: **2112 HARFORD RD**

Cross Street: **DARLEY AVE**

Manhole Type: **Junction** Location: **Alley**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **1** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment ☒ Exists Material: **Brick**

☐ Parged Height: **3** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Root Intrusion**

☐ Loose Brick

☒ **Deteriorated**

Infiltration: ☐ None

☒ **Joint**

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

Corbel Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☒ **Mortar**

☐ Roots

☒ **Wall**

Barrel Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **46** (in.) Length: (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Root Intrusion**

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☒ **Roots**

☒ **Wall**

Bench ☒ Exists Material: **Brick**

☐ Parged

☒ **Debris** (not Condition related)

Condition: ☐ Sound

☐ Cracked

☒ **Root Intrusion**

☐ Deteriorated

☐ Leaks

☐ Debris

Channel Material: **Brick**

☐ Parged

☐ Debris (not Condition related)

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth:

Condition: ☐ Sound

☐ Cracked

☒ **Root Intrusion**

☒ **Deteriorated**

☐ Leaks

☒ **Debris**

Steps Count: **5** Missing: **0** ☒ **Corroded**

Surcharge ☒ **Evidence Of Surcharge** Depth: **1.5** (ft.) ☐ Active Surcharge Present

Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris. Channel debris. Bench root intrusion.

Defect



Barrel root intrusion and infiltration.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel infiltration. Barrel root intrusion and infiltration.

Defect



Frame leaks. Frame offset. Adjustment deterioration, root intrusion and infiltration.

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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel and Bench root intrusion. Channel deterioration, root intrusion and debris.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.77** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **2** (in.) Deposits Extent: **Medium**

Infiltration: **Evidence** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Barrel deterioration, root intrusion and infiltration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **8.60** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **0.5** (in.) Deposits Extent: **Light**

Infiltration: **None** Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection

Manhole Inspection Summary

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8 in. Circular Gravity Sewer

Pipe In @ 9 O'Clock



Barrel root intrusion.

Rod and Bar (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **8.52** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.)

Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Roots**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection